

FORM PTO-1449

LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO. 263/288

SERIAL NO. 09/998,807

APPLICANT: Ying Wen Hsu

FILING DATE: November 29, 2001

GROUP: To Be Assigned

RECEIVED

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
BWH	AA	4,693,547	09/15/1987	Soref et al.	350	96.13	02/24/1986
BWH	AB	5,235,672	08/10/1993	Carson	395	24	02/06/1991
BWH	AC	5,245,458	09/14/1993	Taylor	359	108	02/22/1990
BWH	AD	5,757,986	05/26/1998	Crampton et al.	385	2	09/21/1993
BWH	AE	5,761,350	06/02/1998	Koh	385	14	01/22/1997
BWH	AF	5,828,800	10/27/1998	Henry et al.	385	20	06/23/1997
BWH	AG	5,923,798	07/13/1999	Aksyuk et al.	385	19	05/15/1997
BWH	AH	5,990,473	11/23/1999	Dickey et al.	250	231.13	02/04/1998
BWH	AI	6,072,924	06/06/2000	Sato et al.	385	18	09/02/1997
BWH	AJ	6,137,941	10/24/2000	Robinson	385	140	09/03/1998
BWH	AK	6,148,124	11/14/2000	Aksyuk et al.	385	24	11/20/1998
BWH	AL	6,205,267 B1	03/20/2001	Aksyuk et al.	385	19	11/20/1998
	AM						

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
BWH	AN	EP 1,004,910 A2	05/2000	EP	G02B	6/35		
	AO							
	AP							
	AQ							
	AR							
	AS							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
	AT						
	AU						
	AV						
	AW						
	AX						
	AY						
	AZ						

EXAMINER: B. Healy

DATE CONSIDERED: 1/15/09


EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

FORM PTO-1449	ATTY. DOCKET NO. 263/288	SERIAL NO. 09/998,867
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	FILING DATE: November 29, 2001	GROUP: To Be Assigned

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

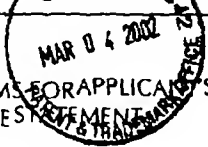
Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
B.H.	BA	Benaissa, K.; and Nathan, A.; "Silicon Anti-Resonant Reflecting Optical Waveguides for Sensor Applications;" <i>Journal of Sensors and Actuators (A Physical)</i> , Vol. A65, 33-44, 1998	
B.H.	BB	Brown, K.S.; Taylor, B.J.; Dawson, J.M.; Hornak, L.A.; "Polymer Waveguide Co-integration With Microelectromechanical Systems (MEMS) for Integrated Optical Metrology;" <i>Proceedings of the SPIE (The International Society for Optical Engineering)</i> , Vol. 3276, 1998	
B.H.	BC	Burcham, Kevin E.; and Boyd, Joseph T.; "Freestanding, Micromachined, Multimode Silicon Optical Waveguides at $\lambda = 1.3 \mu\text{m}$ for Microelectromechanical System Technology;" <i>Journal of Applied Optics</i> , Vol. 37, No. 36, 20 December 1998	
B.H.	BD	Churenkov, A.V.; "Silicon Micromechanical Optical Waveguide for Sensing and Modulation;" <i>Journal of Sensors and Actuators (A Physical)</i> , Vol. A57, No. 1, October 1996	
B.H.	BE	Cook, J.P.D.; Este, G.O.; Shepherd, F.R.; et al.; "Stable, Low-Loss Optical Waveguides and Micromirrors Fabricated in Acrylate Polymers" <i>Applied Optics Journal</i> , Vol. 37, No. 7, March 1, 1998	
B.H.	BF	Cornett, Kimberly T.; Heritage, Jonathan P.; Solgaard, Olav; "Compact Optical Delay Line Based on Scanning Surface Micromachined Polysilicon Mirrors;" <i>2000 IEEE/LEOS International Conference on Optical MEMS</i> , Kauai, Hawaii, August 21-24, 2000	
B.H.	BG	de Labachellerie, M.; Kaou, N.; et al.; "A Micromachined Connector for the Coupling of Optical Waveguides and Ribbon Optical Fibers;" <i>Journal of Sensors and Actuators (A Physical)</i> , Vol. A89, No. 1-2, March 20, 2001	
B.H.	BH	Eng, Terry T.H.; Kan, Sidney C.; and Wong, George K.L.; "Voltage-Controlled Micromechanical SOI Optical Waveguides;" <i>IEEE TENCON, IEEE Region 10 International Conference on Microelectronics and VLSI - "Asia Pacific Microelectronics 2000" - Proceedings</i> , 1995	
B.H.	BI	Eng, Terry T.H.; Kan, Sidney C.; and Wong, George K.L.; "Surface-Micromachined Epitaxial Silicon Cantilevers as Movable Optical Waveguides on Silicon-on-Insulator Substrates;" <i>Journal on Sensors and Actuators A, Physical</i> , Vol. A49, No. 1-2, June 1995	
B.H.	BJ	Eng, Terry T.H.; Kan, Sidney C.; and Wong, George K.L.; "Surface-Micromachined Movable SOI Optical Waveguides;" <i>Proceedings of the International Solid-State Sensors and Actuators Conference - Transducer</i> , 1995	
B.H.	BK	Gorecki, Christophe; "Optimization of Plasma-Deposited Silicon Oxynitride Films for Optical Channel Waveguides;" <i>Journal of Optics and Laser Engineering</i> , Vol. 33, No. 1, January 2000	
B.H.	BL	Haronian, D.; "Bottlenecks of Opto-MEMS;" <i>SPIE Proceedings - Micro-Opto-Electro-Mechanical Systems</i> , Glasgow, UK, May 22-23, 2000	
B.H.	BM	Haronian, D.; "Displacement Sensing Using Geometrical Modulation in Reflection Mode (GM-RM) of Coupled Optical Waveguides;" <i>Journal of Micromechanics and Microengineering</i> , Vol. 8, No. 4, December 1998	

EXAMINER: B. Healy	DATE CONSIDERED: 1/15/04
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(Use several sheets if necessary)		FILING DATE: November 29, 2001	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
BWH	CA	Haronian, D.; "Suspended Optical Waveguide With In-Plane Degree of Freedom or Microelectro-Mechanical Applications;" <i>Electronics Letters</i> , Vol. 34, No. 7, 2 <sup>nd</sup> April 1998	
BWH	CB	Hoffmann, Martin; Kopka, Peter; and Voges, Edgar; "Thermo-optical Digital Switch Arrays in Silica-on-Silicon With Defined Zero-Voltage State;" <i>Journal of Lightwave Technology</i> , Vol. 16, No. 3, March 1998	
BWH	CC	Jin, Young-Hyun; Seo, Kyoung-Sun; et al.; "An SOI Optical Microswitch Integrated With Silicon Waveguides and Touch-down Micromirror Actuators;" <i>2000 IEEE/LEOS International Conference on Optical MEMS</i> , 21-24 August, 2000	
BWH	CD	Koyanagi, Mitsumasa; "Optical Interconnection Using Polyimide Waveguide for Multi-Chip Module;" <i>Proceedings of SPIE, Society of Photo-Optical Instrumentation Engineers</i> , San Jose, CA, 1996	
BWH	CE	Kruger, Michiel V.P.; Guddal, Michael H.; et al.; "Low Power Wireless Readout of Autonomous Sensor Wafer Using MEMS Grating Light Modulator;" <i>2000 IEEE/LEOS International Conference on Optical MEMS</i> , Kauai, Hawaii, August 21-24, 2000	
BWH	CF	Kuwana, Yasuhiro; Hirose, Akinori; Kurino, Hiroyuki; et al.; "Signal Propagation Characteristics in Polyimide Optical Wave-guide With Micro-Mirrors for Optical Multichip Module;" <i>Japanese Journal of Applied Physics</i> , Vol. 38, No. 4B, April 1999	
BWH	CG	Makihara, M.; "Microelectromechanical Intersecting Waveguide Optical Switch Based on Thermo-Capillarity;" <i>2000 IEEE/LEOS International Conference on Optical MEMS</i> , Kauai, Hawaii, August 21-24, 2000	
BWH	CH	Makihara, M.; Sato, Makoto; Shimokawa, Fusao; et al.; "Micromechanical Optical Switches Based on Thermocapillary Integrated in Waveguide Substrate;" <i>Journal of Lightwave Technology</i> , Vol. 17, No. 1, January 1999	
BWH	CI	Makihara, M.; Shimokawa, F.; and Nishida, Y.; "Self-Holding Optical Waveguide Switch Controlled by Micromechanism;" <i>IEICE Trans. Electronics (Japan)</i> , Vol. E80-C, No. 2, February 1997	
BWH	CJ	Maruo, Shoji; Ikuta, Koji; and Ninagawa, Toshihide; "Multi-Polymer Microstereolithography for Hybride Opto-MEMS" has the same information as "Advanced Micro Stereolithography with Multi UV Polymers (System Development and Application to Three-Dimensional Optical Waveguides)," which is written in Japanese; <i>Journal of Transactions of the Institute of Electrical Engineers of Japan, Part E</i> , Vol. 120-E, No. 7, July 2000	
BWH	CK	Matsumoto, Takuji; Kuwana, Yasuhiro; Hirose, Akinori; "Polyimide Optical Waveguide With Multi-Fan-Out for Multichip Module System;" <i>Proceedings from the Optoelectronic Interconnects V</i> , Vol. 3288, San Jose, CA January 28-29, 1998	
BWH	CL	Matsumoto, Takuji; Fukuoka, Takeshi; Kurino, Hiroyuki; et al.; "Polyimide Optical Waveguide With Multi-Fan-Out for Multi-Chip Module Application;" <i>Proceedings of the 27<sup>th</sup> European Solid-State Device Research Conference</i> , France, September 22-24, 1997	
BWH	CM	Matsumoto, Takuji et al., "Polyimide Optical Waveguide with Multi-Fan-Out for Multi-Chip Module Application," <i>Jpn. J. Appl. Phys.</i> , Vol. 36 (1997) Pt. 1, No. 38. pp. 1903-1906.	

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			
BWH	DA	Moisel, Jorg; Guttmann, Joachim; Huber, Hans-Peter; "Optical Backplanes With Integrated Polymer Waveguides," <i>Journal of Optical Engineering</i> , Vol. 39, No. 3, March 2000			
BWH	DB	Mueller, Raluca; Pavelescu; and Manea, Elena; "3D Microstructures Integrated With Optical Waveguides and Photodiodes on Silicon," <i>MELECOB 1998 9th Mediterranean Electromechanical Conference Proceedings</i> , Vol. 1; May 18-20, 1998			
BWH	DC	Namba, Tohru; Uehara, Akihito; et al.; "High-Efficiency Micromirrors and Branched Optical Waveguides on Si Chips;" <i>Japanese Journal of Applied Physics, Part 1</i> , Vol. 35, No. 2B, August 21-24, 1995			
BWH	DD	Oillier, Eric; Chabrol, Claude; et al.; "1 x 8 Micro-Mechanical Switches Based on Moving Waveguides for Optical Fiber Network Switching;" <i>2000 IEEE/LEOS International Conference on Optical MEMS</i> , August 21-24, 2000			
BWH	DE	Ollier, Eric; and Mottier, P.; "Micro-Opto-Electro-Mechanical Systems: Recent Developments and LEIT's Activities," <i>Proceedings of the SPIE - The International Society for Optical Engineering</i> , Vol. 4076, May 22-24, 2000			
BWH	DF	Shubin, I.; and Wa, P.L.K.; "Electrostatically Actuated 1 x 2 Micro-Mechanical Optic Switch;" <i>Electronics Letters</i> , Vol. 37, No. 7; March 29, 2001			
BWH	DG	Storgaard-Larsen, Torben; "Plasma-Enhanced Chemical Vapor Deposited Silicon Oxynitride Films for Optical Waveguide Bridges for Use in Mechanical Sensors;" <i>Journal of the Electromechanical Society</i> , Vol. 144, No. 4, April 1997			
BWH	DH	Voges, E.; Hoffmann, M.; "FB1 Optical Waveguides on Silicon Combined With Micromechanical Structures;" <i>Advanced Applications of Lasers in Materials and Processing; LEOS Summer Optical Meeting</i> , 1996, IEEE, Piscataway, New Jersey, 96TH8154			
BWH	DI	Yariv, A.; "Universal Relations for Coupling of Optical Power Between Microresonators and Dielectric Waveguides;" <i>Journal of Electronics Letters</i> , Vol. 36, No. 4, February 17, 2000			
BWH	DJ	Yokoyama, S.; Nagata, T.; and Kuroda, Y.; et al.; "Optical Waveguides on Silicon Chips;" <i>Journal of Vacuum Science &amp; Technology A</i> , Vol. 13, No. 3, May-June 1995			
BWH	DK	_____, "5. Switching Fabric Technologies," <i>Packet Switch Architecture</i> , CS-534, Dept. of Computer Science, University of Crete, Greece (undated document, file last updated April 2000 by M. Katevenis), <a href="http://archvlsi.ics.forth.gr/~kateveni/534/sec5.html">http://archvlsi.ics.forth.gr/~kateveni/534/sec5.html</a> , 35 pp.			
	DL				
	DM				

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